Histone H3 Monoclonal Antibody

Catalog Number:E-AB-22070

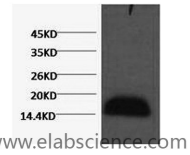
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Zebrafish
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	Clone:3C5
Purification	Protein A purification
Formulation	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications	Recommended Dilution
WB	1:1000-3000

Data



Western Blot analysis of Zebrafish skeletal muscle using Histone H3 Monoclonal Antibody at dilution of 1:2000.
Observed Mw:15kDa
Calculated Mw:15kDa

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

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